

PROJECT DESCRIPTION

I. GENERAL

THIS PORTION OF THE PROJECT INVOLVES MODIFYING THE TRAFFIC SIGNAL PHASING AT THE INTERSECTION OF MD 140 (REISTERSTOWN ROAD AND NAYLORS LANE). THE MODIFICATION INCLUDES ADDING AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR THE NORTHBOUND MD 140 ONTO NAYLORS LANE. THE PROJECT IS LOCATED IN BALTIMORE COUNTY. MD 140 IS ASSUMED TO RUN IN A NORTH- SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA THREE (3) PHASE, FULLY ACTUATED MODE. THE MD 140 MOVEMENTS OPERATE CONCURRENTLY AND THE NAYLORS LANE MOVEMENT OPERATES ALONE.

CONTACT LIST

THE CONTACT PERSONS FOR DISTRICT 4 OFFICE AND THE OFFICE OF TRAFFIC & SAFETY ARE AS FOLLOWS:

MR. DAVE MALKOWSKI
DISTRICT ENGINEER
(410) 321 - 2810

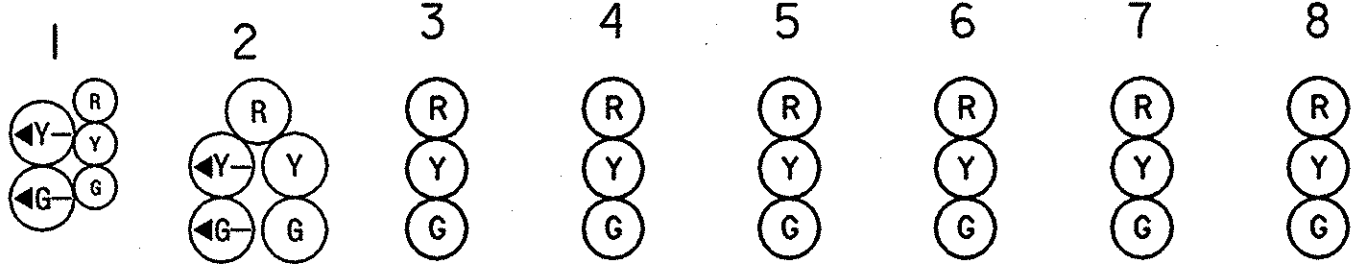
MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 321 - 2781/2785

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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MR. RICHARD DAFF
CHIEF - TRAFFIC OPERATIONS DIVISION
(410) 787 - 7630

MR. EDWARD RODENHIZER
CHIEF - TRAFFIC SIGNAL OPERATIONS
(410) 787 - 7652

PHASE CHART



Phase 1 & 6	◀G-G-	◀G-G-	G	R	R	R	R	R	←
1 & 6 Change	◀Y-G-	◀Y-G-	G	R	R	R	R	R	↙
Phase 2 & 6	G	G	G	G	G	G	R	R	←
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	→
Phase 4	R	R	R	R	R	R	G	G	↑
4 Change	R	R	R	R	R	R	Y	Y	↑
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↕

EQUIPMENT LIST

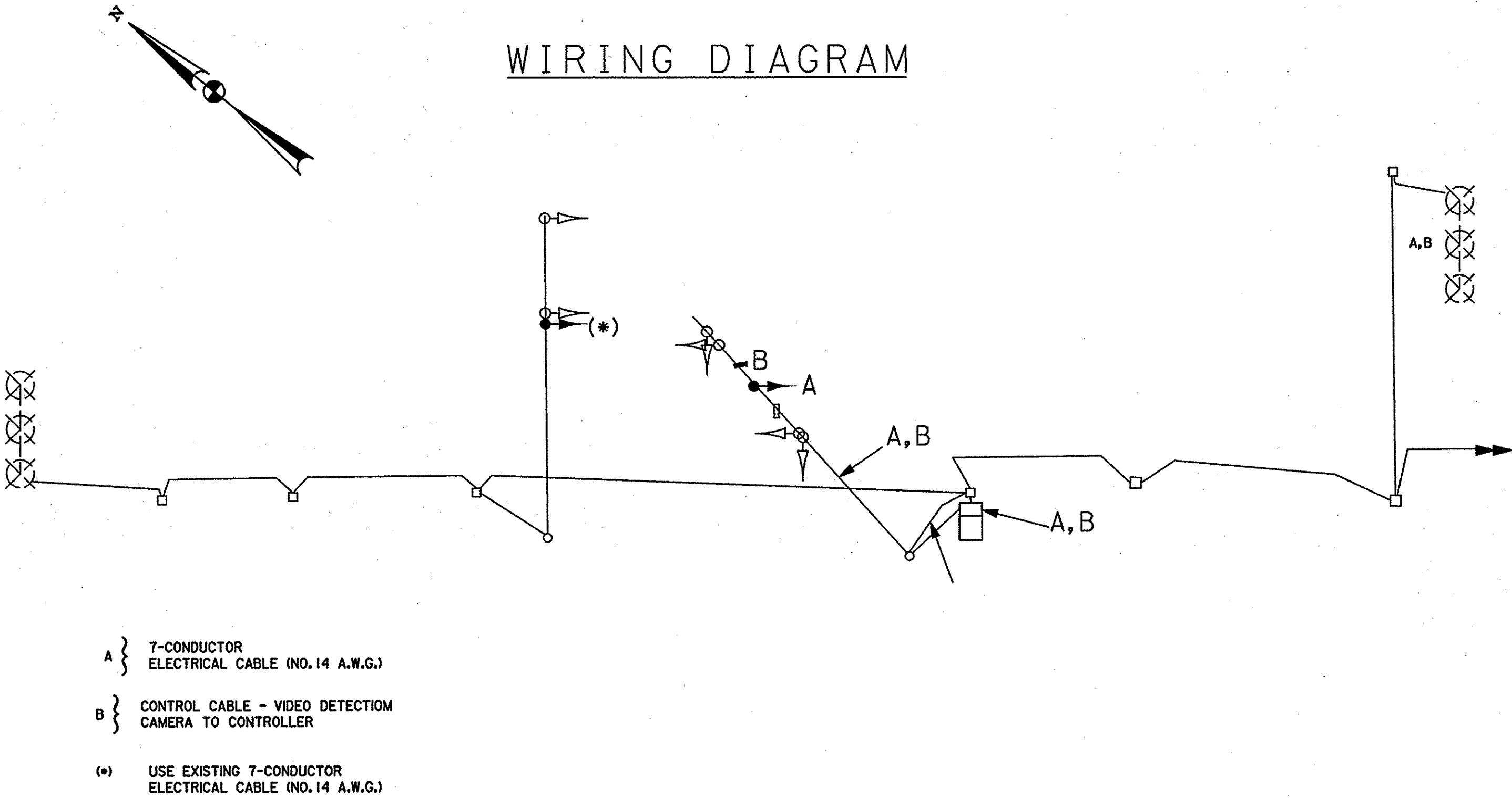
A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE SHA.

Category Code No.	Quantity	Units	Description
-	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
-	4	EA	12 INCH RED OR GREEN LED SIGNAL HEAD SECTION
-	3	EA	12 INCH YELLOW LED SIGNAL HEAD SECTION
-	3	EA	8 INCH LED SIGNAL R,Y,G HEAD SECTION
-	1	EA	CONTROL CABLE, 200 FT, VIDEO DETECTION CAMERA TO CONTROLLER
-	1	EA	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
-	1	EA	VIDEO DETECTION CAMERA
-	150	LF	ELECTRICAL CABLE - 7 CONDUCTOR NO.14 AWG

B. EQUIPMENT TO BE FURNISHED AND OR INSTALLED BY THE CONTRACTOR.

Category Code No.	Quantity	Units	Description
-	-	-	-

WIRING DIAGRAM



- A } 7-CONDUCTOR
ELECTRICAL CABLE (NO.14 A.W.G.)
- B } CONTROL CABLE - VIDEO DETECTION
CAMERA TO CONTROLLER
- (*) USE EXISTING 7-CONDUCTOR
ELECTRICAL CABLE (NO.14 A.W.G.)

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 140 (REISTERSTOWN RD) & NAYLORS LANE

GENERAL INFORMATION SHEET

SCALE NONE DATE 12/7/1999 CONTRACT NO. SF - SIGNAL

DESIGNED BY FJH /JES COUNTY BALTIMORE
DRAWN BY FJH /JES LOGMILE 03014001.52
CHECKED BY DENNIS DODA TMS NO. H-469
FAP NO. BA3035186 TOD NO.

TS NO 2345 DRAWING OF SHEET NO. 2 OF 2